

Union Calendar No. 112

111TH CONGRESS
1ST SESSION

H. R. 1622

[Report No. 111–206]

To provide for a program of research, development, and demonstration on
natural gas vehicles.

IN THE HOUSE OF REPRESENTATIVES

MARCH 19, 2009

Mr. SULLIVAN (for himself, Mr. HALL of Texas, Mr. GENE GREEN of Texas,
and Mr. BOREN) introduced the following bill; which was referred to the
Committee on Science and Technology

JULY 14, 2009

Additional sponsors: Mr. BURGESS, Mr. MASSA, Mrs. BLACKBURN, Mr.
McCOTTER, Mr. LUCAS, Mr. LUJÁN, and Mr. MARIO DIAZ-BALART of Florida

JULY 14, 2009

Reported with an amendment, committed to the Committee of the Whole
House on the State of the Union, and ordered to be printed

[Strike out all after the enacting clause and insert the part printed in italic]

[For text of introduced bill, see copy of bill as introduced on March 19, 2009]

A BILL

To provide for a program of research, development, and demonstration on natural gas vehicles.

1 *Be it enacted by the Senate and House of Representa-*
2 *tives of the United States of America in Congress assembled,*

3 **SECTION 1. NATURAL GAS VEHICLE RESEARCH,**
4 **DEVELOPMENT, AND DEMONSTRATION**
5 **PROJECTS.**

6 (a) *IN GENERAL.*—*The Secretary of Energy shall*
7 *conduct a 5-year program of natural gas vehicle research,*
8 *development, and demonstration. The Secretary shall*
9 *coordinate with the Administrator of the Environmental*
10 *Protection Agency, as necessary.*

11 (b) *PURPOSE.*—*The program under this section shall*
12 *focus on—*

13 (1) *the continued improvement and development*
14 *of new, cleaner, more efficient light-duty, medium-*
15 *duty, and heavy-duty natural gas vehicle engines;*

16 (2) *the integration of those engines into light-*
17 *duty, medium-duty, and heavy-duty natural gas*
18 *vehicles for onroad and offroad applications;*

19 (3) *expanding product availability by ensuring*
20 *that technologies researched and developed assist*
21 *engines and vehicles in meeting Federal and State*
22 *requirements and standards;*

23 (4) *the demonstration and proper operation and*
24 *use of the vehicles described in paragraph (2) under*
25 *all operating conditions;*

1 (5) the development and improvement of
2 nationally recognized codes and standards for the
3 continued safe operation of natural gas vehicles and
4 their components;

5 (6) improvement in the reliability and efficiency
6 of natural gas fueling station infrastructure;

7 (7) the certification of natural gas fueling
8 station infrastructure to nationally recognized and
9 industry safety standards;

10 (8) the improvement in the reliability and
11 efficiency of onboard natural gas fuel storage systems;

12 (9) the development of new natural gas fuel
13 storage materials;

14 (10) the certification of onboard natural gas fuel
15 storage systems to nationally recognized and industry
16 safety standards;

17 (11) the use of natural gas engines in hybrid
18 vehicles; and

19 (12) researching and developing technologies and
20 processes so as to improve and streamline the process
21 by which natural gas conversion systems meet Federal
22 and State requirements and standards.

23 (c) COOPERATION AND COORDINATION WITH
24 INDUSTRY.—In developing and carrying out the program
25 under this section, the Secretary shall coordinate with the

1 *natural gas vehicle industry to ensure cooperation between*
2 *the public and the private sector.*

3 (d) *CONDUCT OF PROGRAM.*—*The program under this*
4 *section shall be conducted in accordance with sections 3001*
5 *and 3002 of the Energy Policy Act of 1992.*

6 (e) *REPORT.*—*Not later than 2 years after the date of*
7 *enactment of this Act, the Secretary shall provide a report*
8 *to Congress on the implementation of this section.*

9 (f) *AUTHORIZATION OF APPROPRIATIONS.*—*There are*
10 *authorized to be appropriated to the Secretary \$30,000,000*
11 *for each of the fiscal years 2010 through 2014 to carry out*
12 *this section.*

13 (g) *DEFINITION.*—*For purposes of this section, the*
14 *term “natural gas” means compressed natural gas, liquefied*
15 *natural gas, biomethane, and mixtures of hydrogen and*
16 *methane or natural gas.*

Union Calendar No. 112

11TH CONGRESS
1ST Session

H. R. 1622

[Report No. 111-206]

A BILL

To provide for a program of research, development,
and demonstration on natural gas vehicles.

JULY 14, 2009

Reported with an amendment, committed to the Committee of the Whole House on the State of the Union, and ordered to be printed